

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 02/32858

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 76306 A (ERICSSON TELEFON AB L M) 11 October 2001 (2001-10-11) page 4, line 3 -page 7, line 19 page 13, line 13 -page 18, line 25	1,8,15
A	figures 5,11,12 -----	2-7, 9-14, 16-26
A	US 6 157 668 A (GILHOUSEN KLEIN S ET AL) 5 December 2000 (2000-12-05) column 5, line 58 -column 6, line 52 column 10, line 65 -column 15, line 37 figures 1,3 -----	1-26



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

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L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

I later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

6 document member of the same patent family

Date of the actual completion of the international search

21 February 2003

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/32858

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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US 6157668	A	05-12-2000	AU 694460 B2 AU 8096894 A BR 9407896 A CA 2173484 A1 CN 1133669 A ,B EP 0722649 A1 FI 961446 A JP 3290990 B2 JP 9507115 T RU 2120198 C1 WO 9512297 A1 IL 111434 A SG 52653 A1 US 5864760 A ZA 9408133 A	23-07-1998 22-05-1995 19-11-1996 04-05-1995 16-10-1996 24-07-1996 29-05-1996 10-06-2002 15-07-1997 10-10-1998 04-05-1995 06-12-1998 28-09-1998 26-01-1999 17-05-1996